

## CLAIMS

1. A composition comprising by weight:
  - 20 to 40 parts of PVDF;
  - 5 • 40 to 60 parts of PMMA;
  - 5 to 18 parts of an acrylic elastomer;
  - 1 to 4 parts of a UV absorber;
  - the total making 100 parts.
- 10 2. A composition according to Claim 1 in which the proportions are:
  - 25 to 35 parts of PVDF;
  - 45 to 55 parts of PMMA;
  - 8 to 18 parts of an acrylic elastomer;
  - 15 • 2 to 3 parts of a UV absorber;
  - the total making 100 parts.
- 20 3. A composition according to Claim 1 in which the proportions are:
  - 30 to 35 parts of PVDF;
  - 50 to 55 parts of PMMA;
  - 8 to 12 parts of an acrylic elastomer;
  - 2 to 3 parts of a UV absorber;
  - the total making 100 parts.
- 25 4. Composition according to any one of the preceding claims, in which the acrylic elastomer is a core-shell copolymer.
- 30 5. Composition according to Claim 4, in which the core-shell copolymer is chosen from soft/hard, hard/soft/hard and hard/soft/semi-hard copolymers.
- 35 6. Coextruded films consisting of:
  - a layer of the coextrudable composition according to any one of the preceding claims directly attached to the latter; and
  - a PVDF-based layer comprising, as main constituents, 50 to 100 parts of PVDF per 50 to 0 parts of PMMA
  - 40 respectively.

7. Films according to Claim 6, in which the PVDF-based layer comprises, as main constituents, 70 to 100 parts of PVDF per 30 to 0 parts of PMMA respectively.
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8. Films according to Claim 7, in which the PVDF-based layer comprises, as main constituents, 75 to 85 parts of PVDF per 25 to 15 parts of PMMA respectively.
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9. Films according to any one of Claims 6 to 8, in which the thickness of the PVDF layer is advantageously between 2 and 50  $\mu\text{m}$  and that of the coextrudable composition between 10 and 100  $\mu\text{m}$ .
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10. Coextruded films comprising, in the following order:
- a coextrudable layer of the composition according to any one of Claims 1 to 5 (the adhesive layer);
  - a layer placed against the coextrudable layer and
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- comprising, as main constituents, 50 to 90 parts of PVDF per 50 to 10 parts of PMMA respectively; and
- a layer (also called the outer layer) comprising, as main constituents, 75 to 100 parts of PVDF per 25 to 0 parts of PMMA respectively.
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11. Films according to Claim 10, in which the outer layer comprises, as main constituents, 85 to 100 parts of PVDF per 15 to 0 parts of PMMA respectively.
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12. Films according to any one of Claims 10 to 11, in which the thickness of the layer of coextrudable composition is advantageously between 10 and 100  $\mu\text{m}$  and that of each of the other layers is advantageously between 2 and 50  $\mu\text{m}$ .
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13. Substrates coated with a film according to any one of Claims 6 to 12, the coextrudable composition being placed against the substrate.